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Figure 1A

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cZyxin	319-331	<u>L</u>	T	M	K	E	V	E	E	L	E	L	L	T
MAPKK	32- 44	A	<u>L</u>	Q	K	K	L	E	E	L	E	L	D	E
PKI- α	37- 46		<u>L</u>	A	<u>L</u>	K	L	A	G	L	D	I		
TFIIIA	330-338			<u>L</u>	P	V	L	E	N	L	T	L		
RevHIV-1	73- 81			<u>L</u>	P	P	L	E	R	L	T	L		
RanBP1	178-189		K	<u>V</u>	A	E	K	L	E	A	L	S	V	R
FMRP	425-437	E	V	D	Q	<u>L</u>	R	L	E	R	L	Q	I	D
Gle1	351-356				<u>L</u>	P	L	G	K	L	T	L		
RexHTLV-1	81- 94	A	<u>L</u>	S	A	Q	<u>L</u>	Y	S	S	L	S	L	D S
human NADE	65- 77	R	E	<u>I</u>	R	R	K	L	R	E	L	Q	L	R
mouse NADE	88-100	R	E	<u>I</u>	R	R	K	L	R	E	L	Q	L	R

Figure 1B

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	Box 1	Box 2
Mouse 88-114	REIRRKLRRLQLRNCL	RILMGELSNNHH
Human 75-101	REIRRKLRRLQLRNCL	RILMGELSNNHH
Consensus	RXXLXXLX--N	RXXLXXLXN

Figure 1 C

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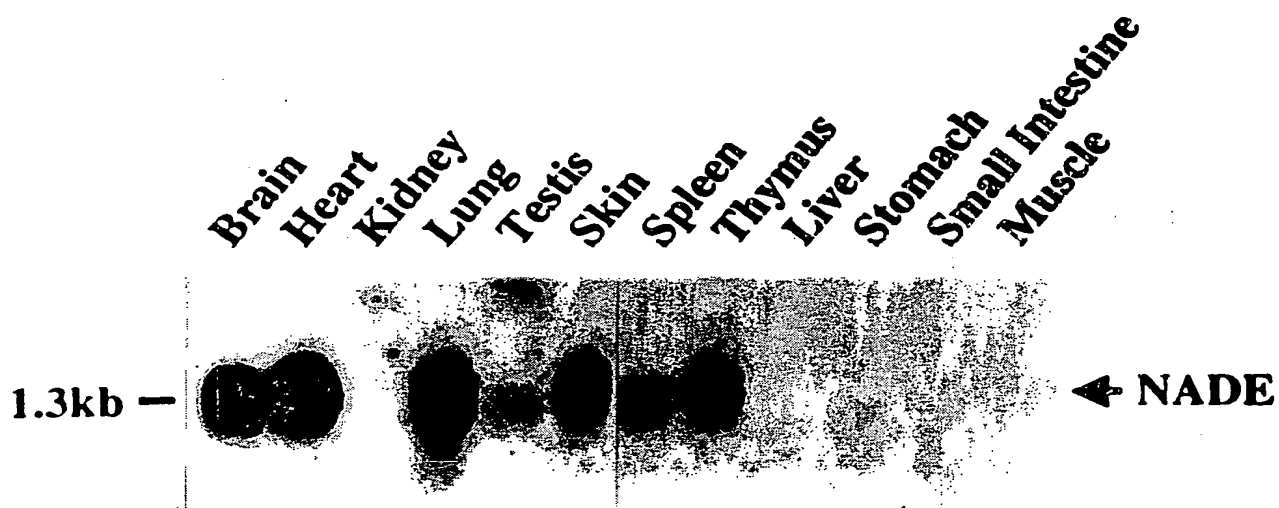
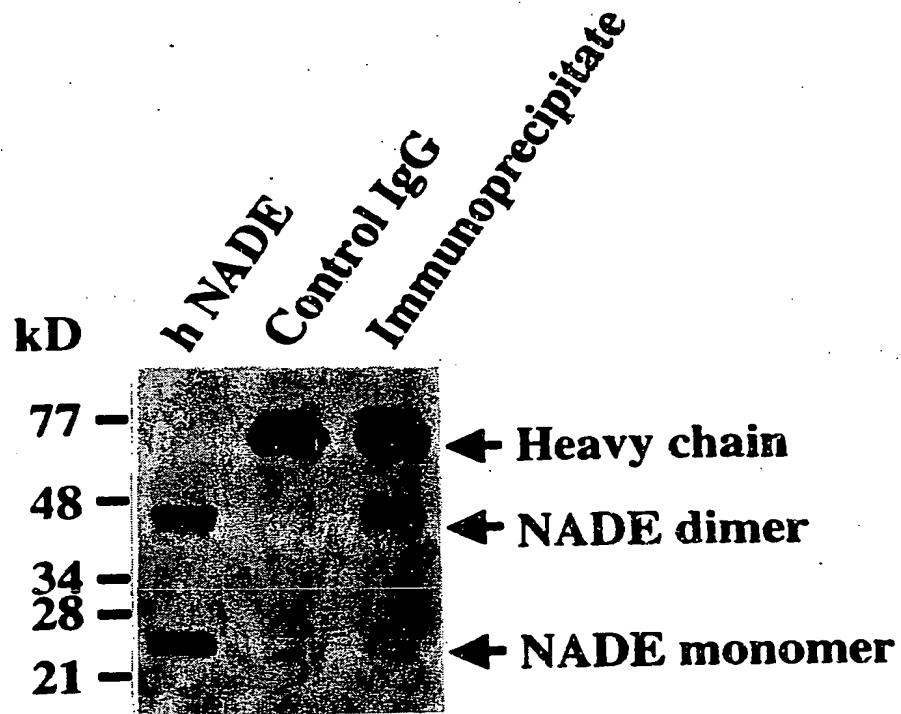


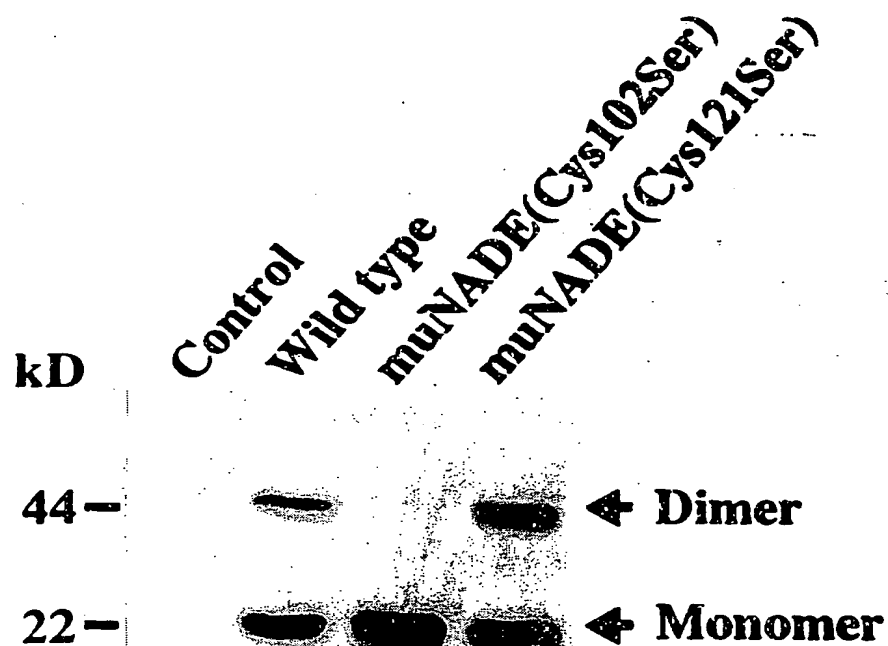
Figure 1D

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Figure 1E

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Figure 1F



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Figure 1G-1

Mouse

```

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61  aggcgagcgggacagattgactggaagccgagagtcaggcggcagcgggaattgacagg 120
121  aggactacgccgcaagggataggcccagaatagcaaccaggaaacaaaatctcatcatgg 180
181  ccaatgtccaccaggaaaaacgaagagctggagcagccccctgcagaatggacaggaagacc 240
241  gccctgtgggaggagggtgagggccaccagcctgctgcaaacaacaacaacaaccaca 300
301  accataaccacaaccaccaccgaagaggccaggctcgccgacttgccccctaacttccgat 360
361  gggccattcccaacacaggcagatgaatgacgggttgggtggagatggagatgatatggaaa 420
421  tgttcatggaggagatgagagagatccggagaaagcttagggagctacagctgagaaatt 480
481  gcttacgcctccttatgggggagctgtctaaaccaccacgatcaccatgatgaattctgcc 540
541  tctatgccttgacttcgggtcatccccccctgagatccatactgtgactcccgctgtagccc 600
601  ttttctctgccttttccctgacatgcccttaatgaccgcttctgtggtgagccttctgttat 660
661  tcccatgccatgtgcccaggctggggctctgtgtgccagtcga

```

Human

```

1  accccatccccactcctataccggctcctccattttgggtgcctgcaaagctctgggaaag 60
60  aatccccgggaaacgaaaaatcgtgggtttgggggaaagggaggtaaggggagaaagctgga 120
121  gggaggggctttaattggaggccccgttagaggacgcgcgggaacttctaagggtgggaaaaa 180
181  acgaaattaaaaaatcctttgatatacagggtcttgaatcctgctgggtcagagcaccaaagc 240
241  attcagttctctctccttgcctttgtcttacttgtgttcaaagaaaaacaaccagaaaaaa 300
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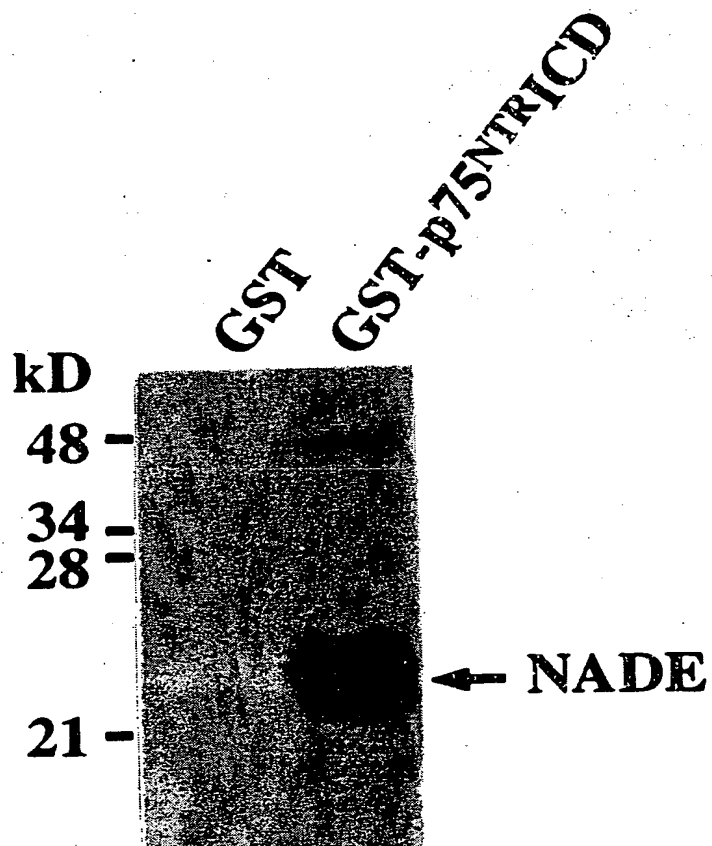
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Figure 1G-2

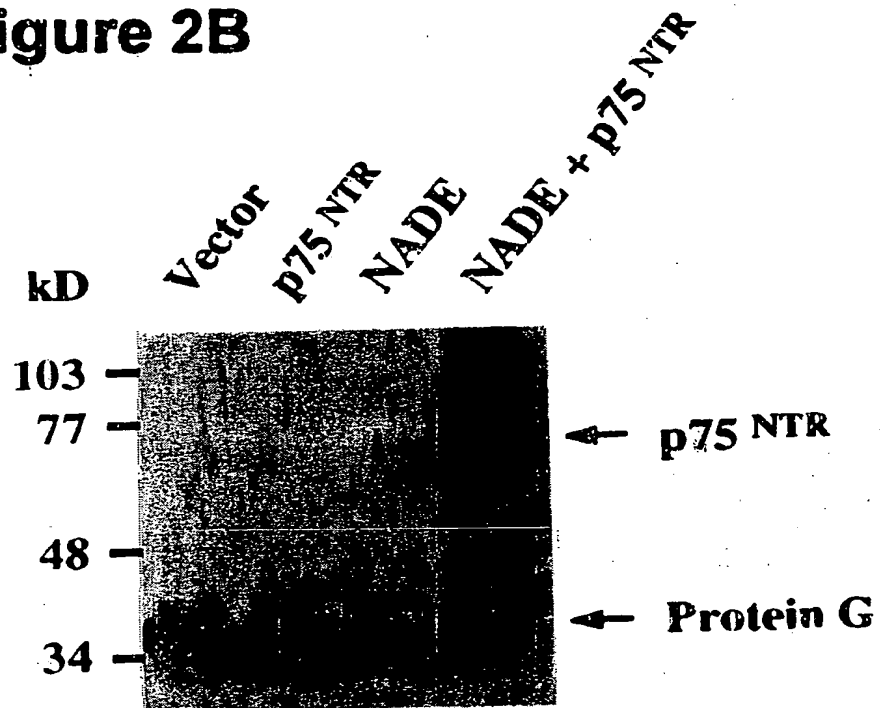
Figure 1H

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Figure 2A



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Figure 2B

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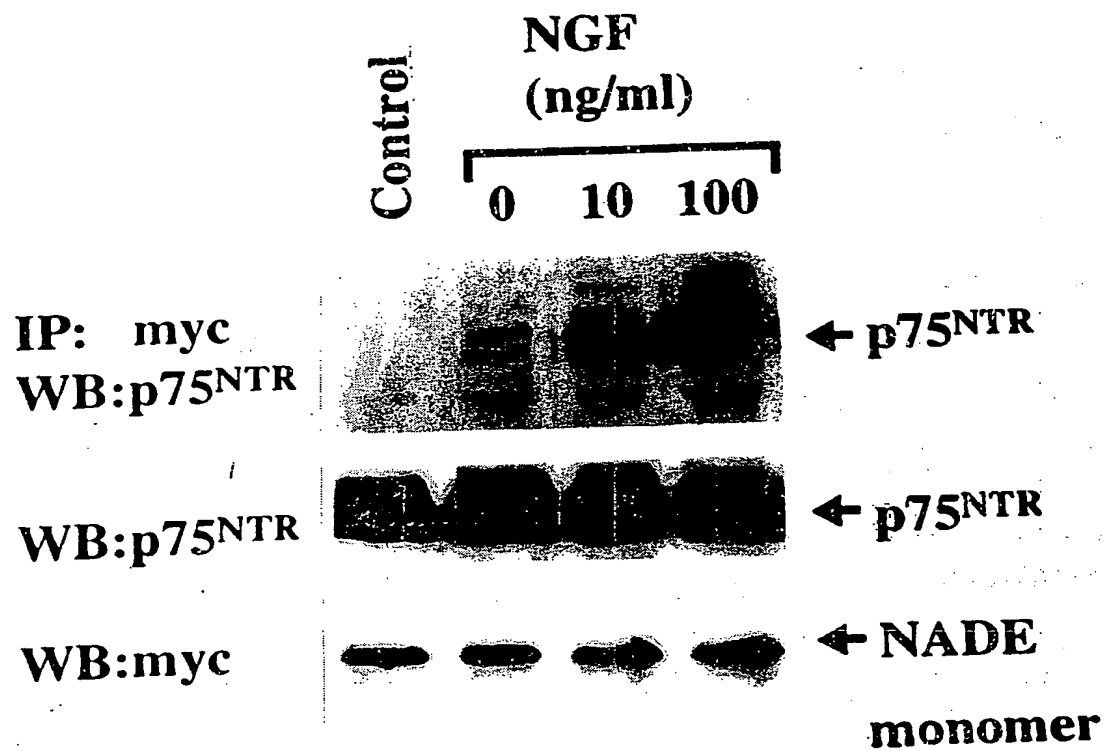
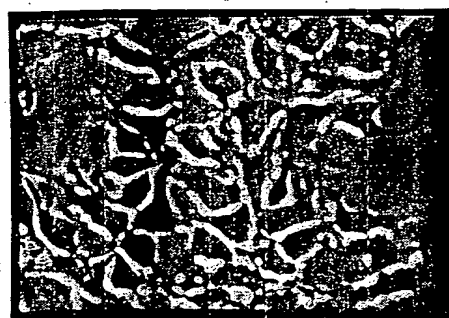
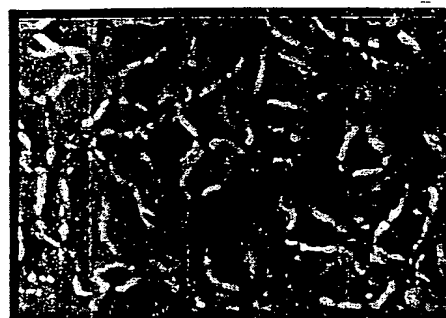


Figure 2C

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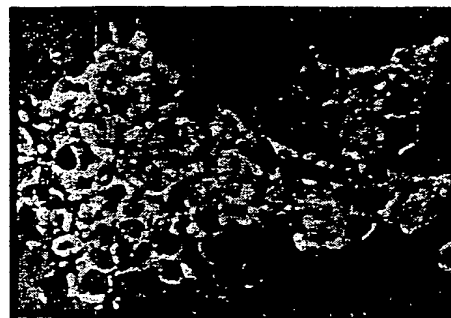
Control



NADE



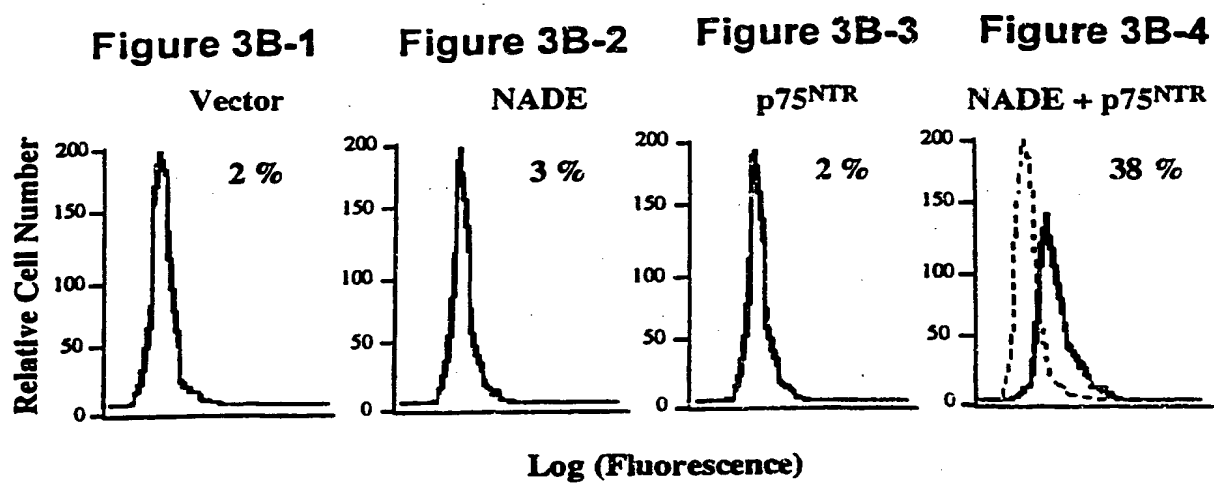
p75^{NTR}



NADE + p75^{NTR}

Figure 3A

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Marker
Vector
p75NTR
NADE
NADE + p75 NTR

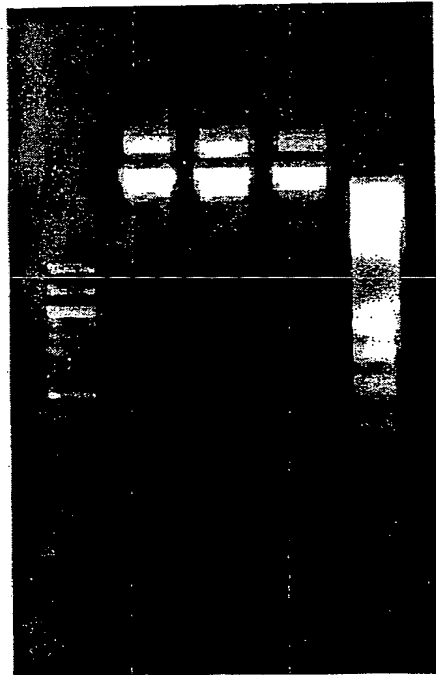


Figure 3C

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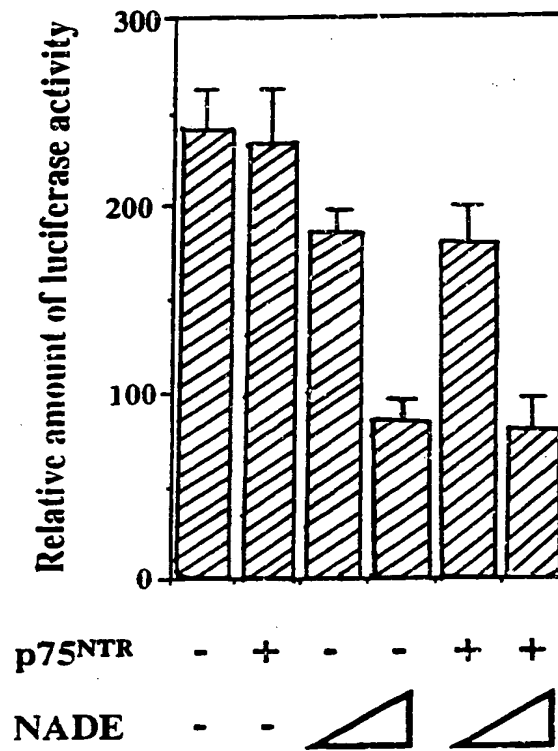


Figure 3D

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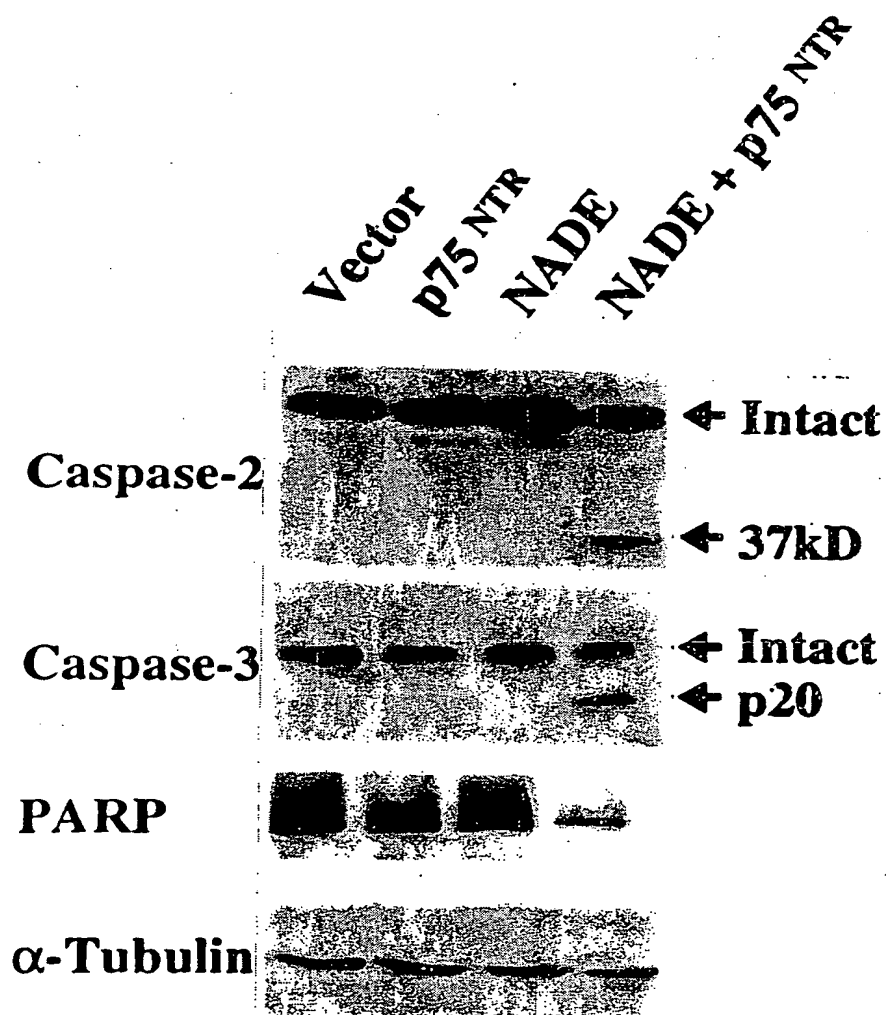
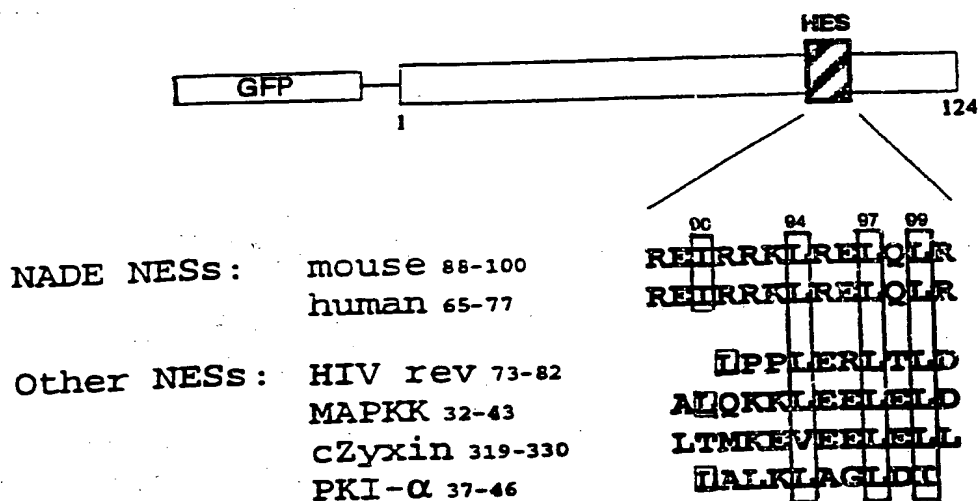


Figure 3E

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Figure 4A
WT mouse NADE-GFP



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Figure 4B

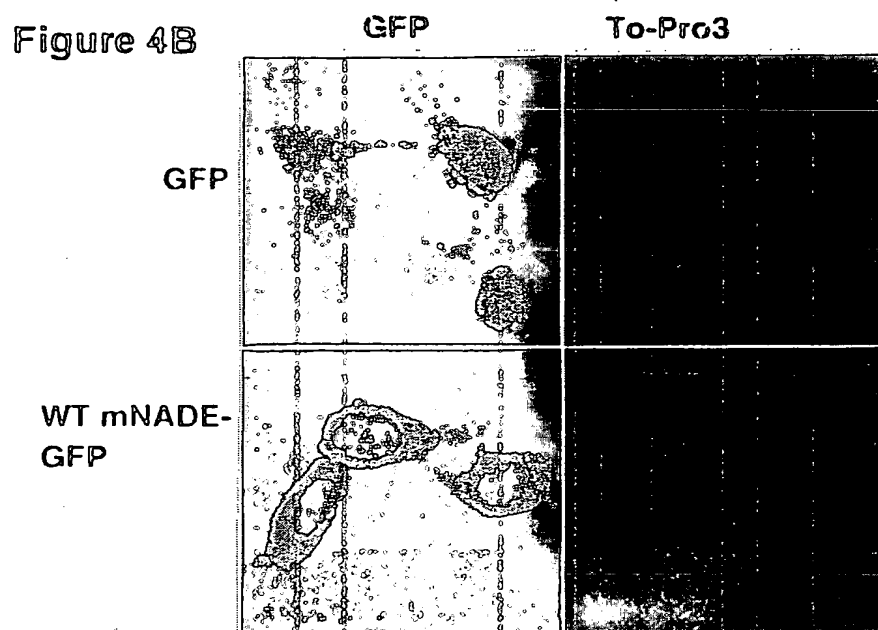
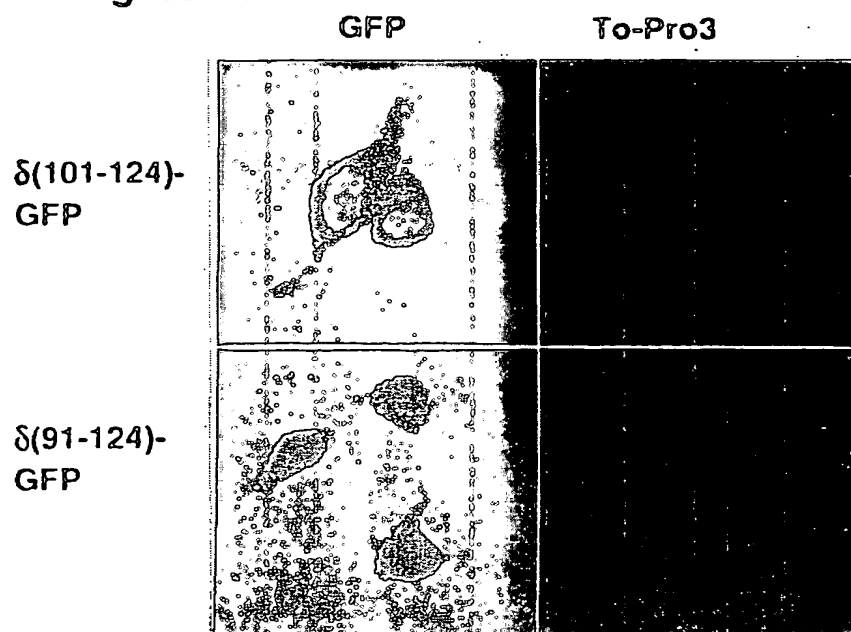
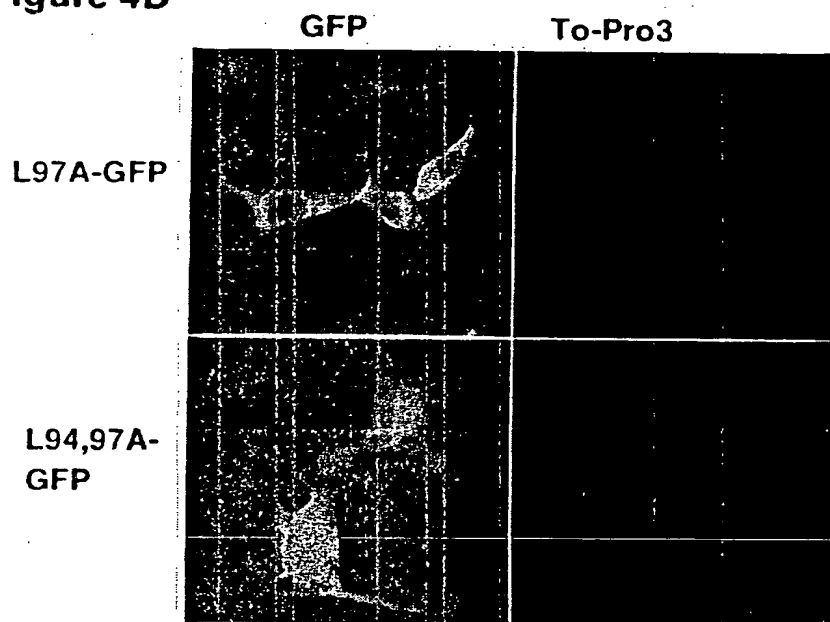


Figure 4C



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Figure 4D



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FIGURE 5A

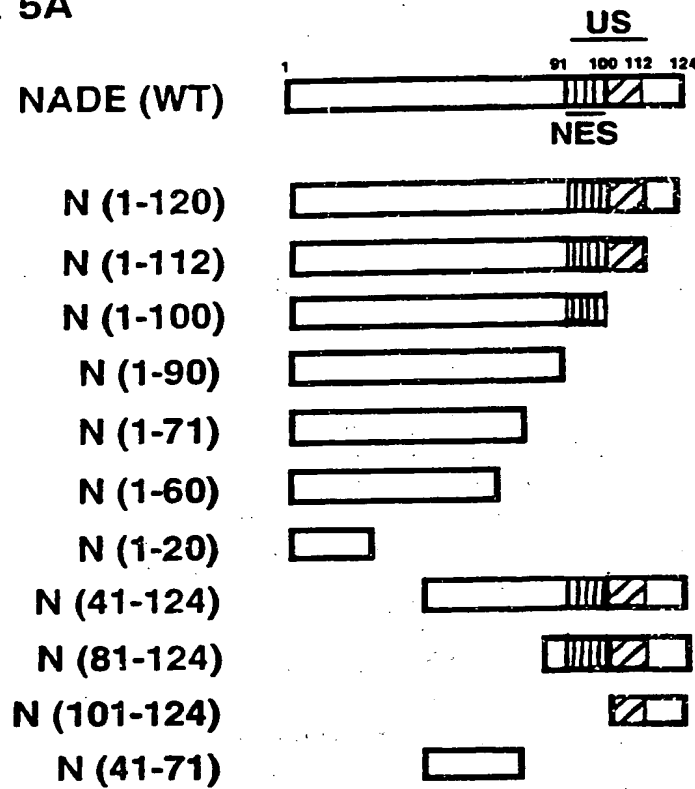
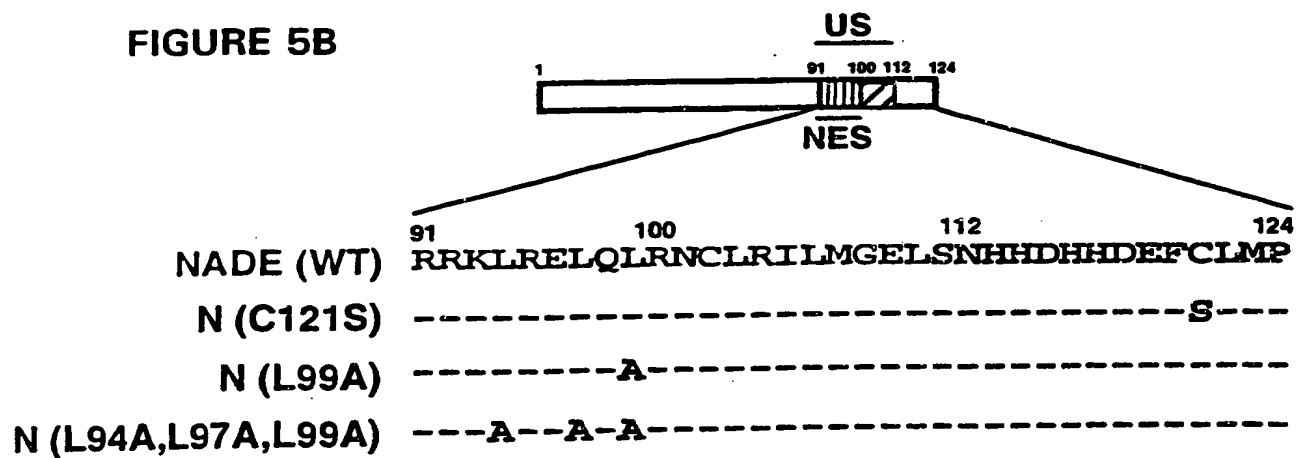


FIGURE 5B



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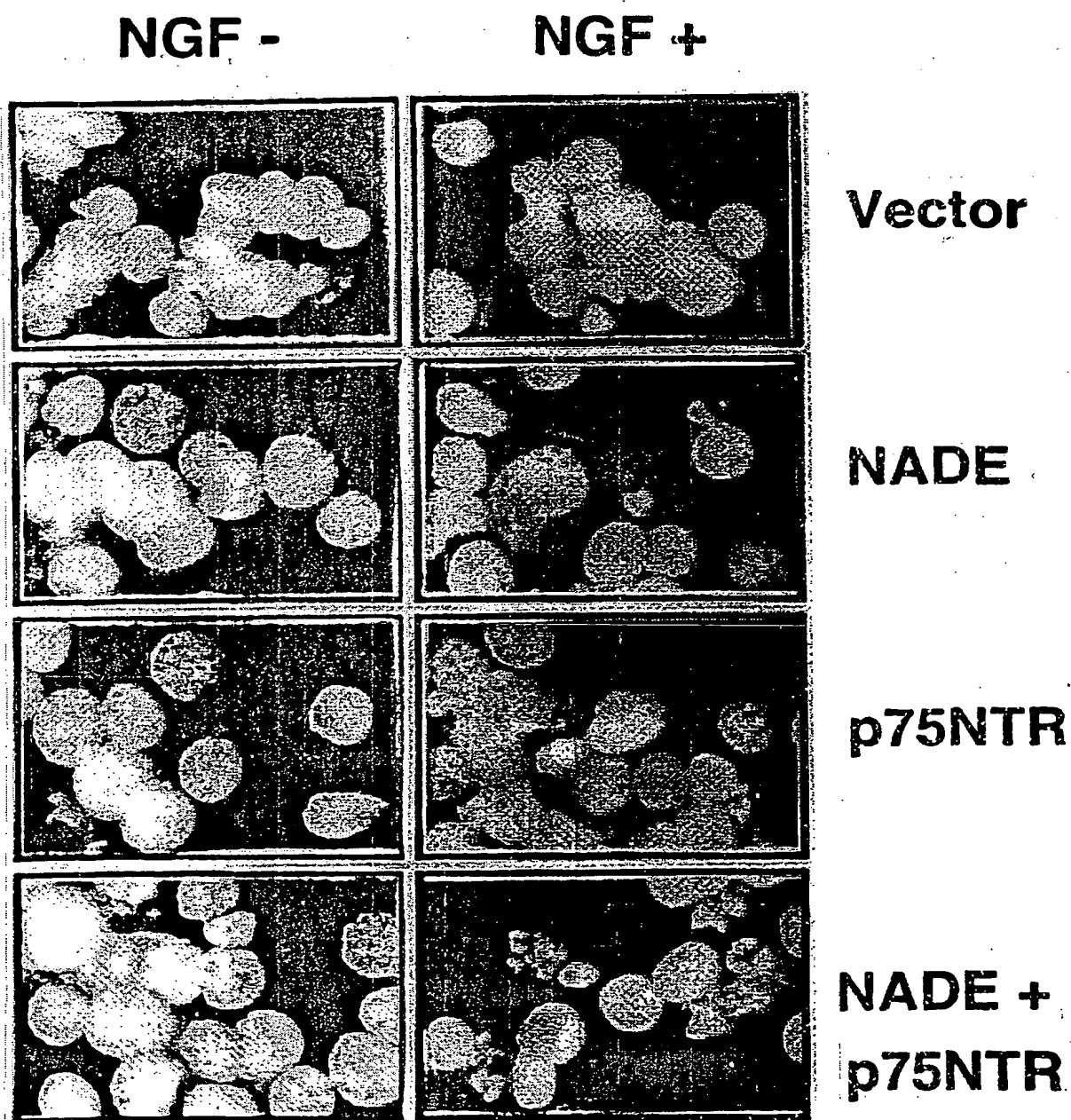


FIGURE 6A

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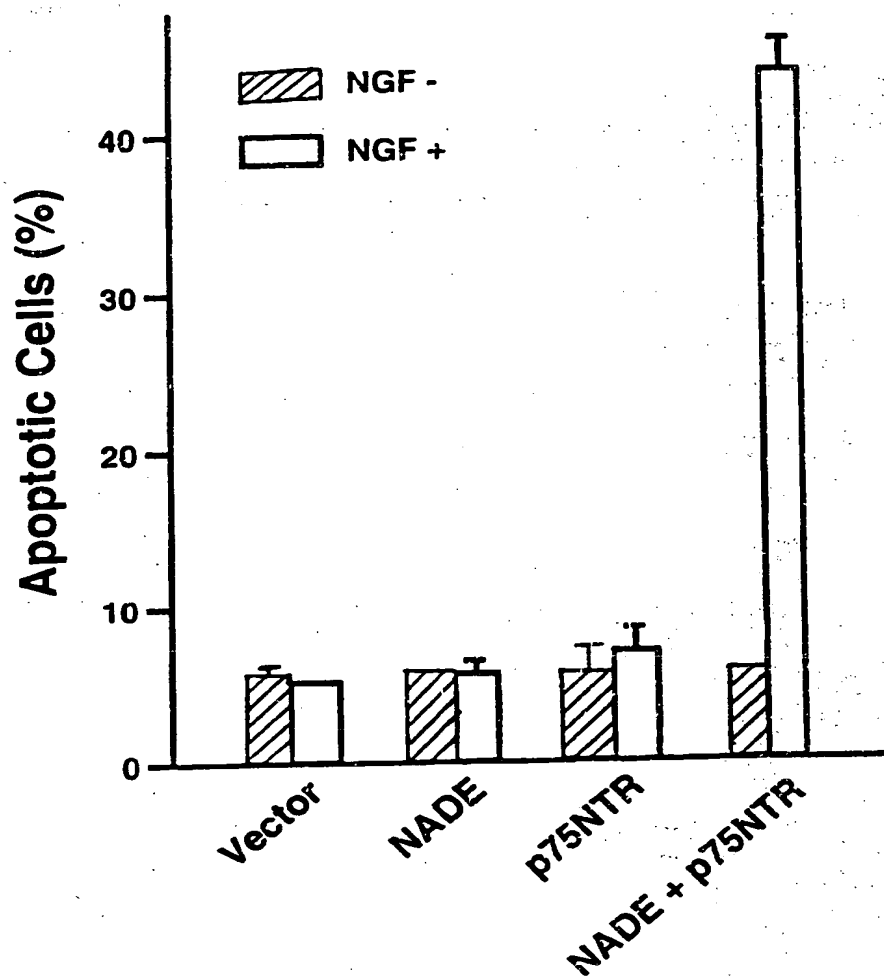


FIGURE 6B

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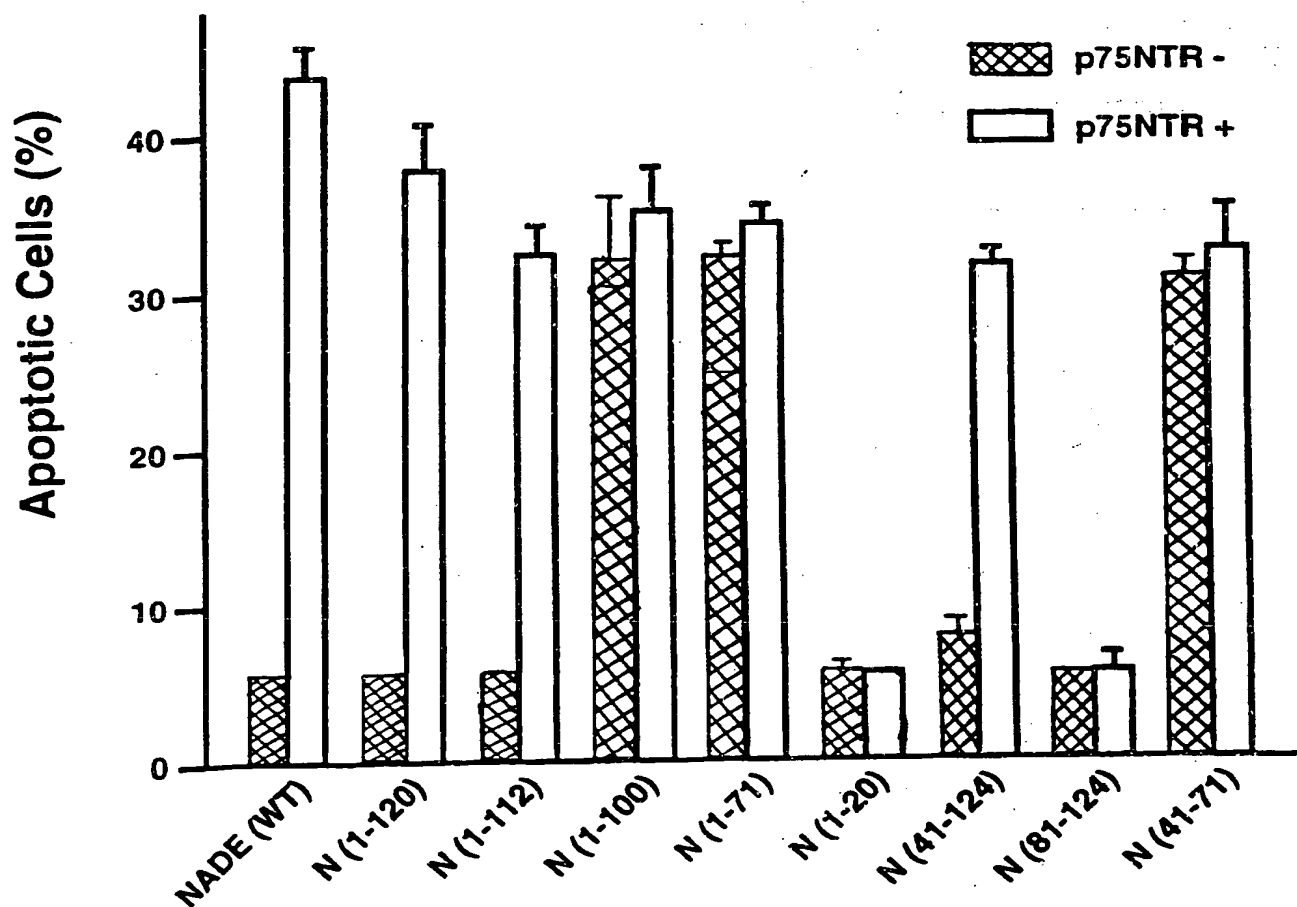


FIGURE 7

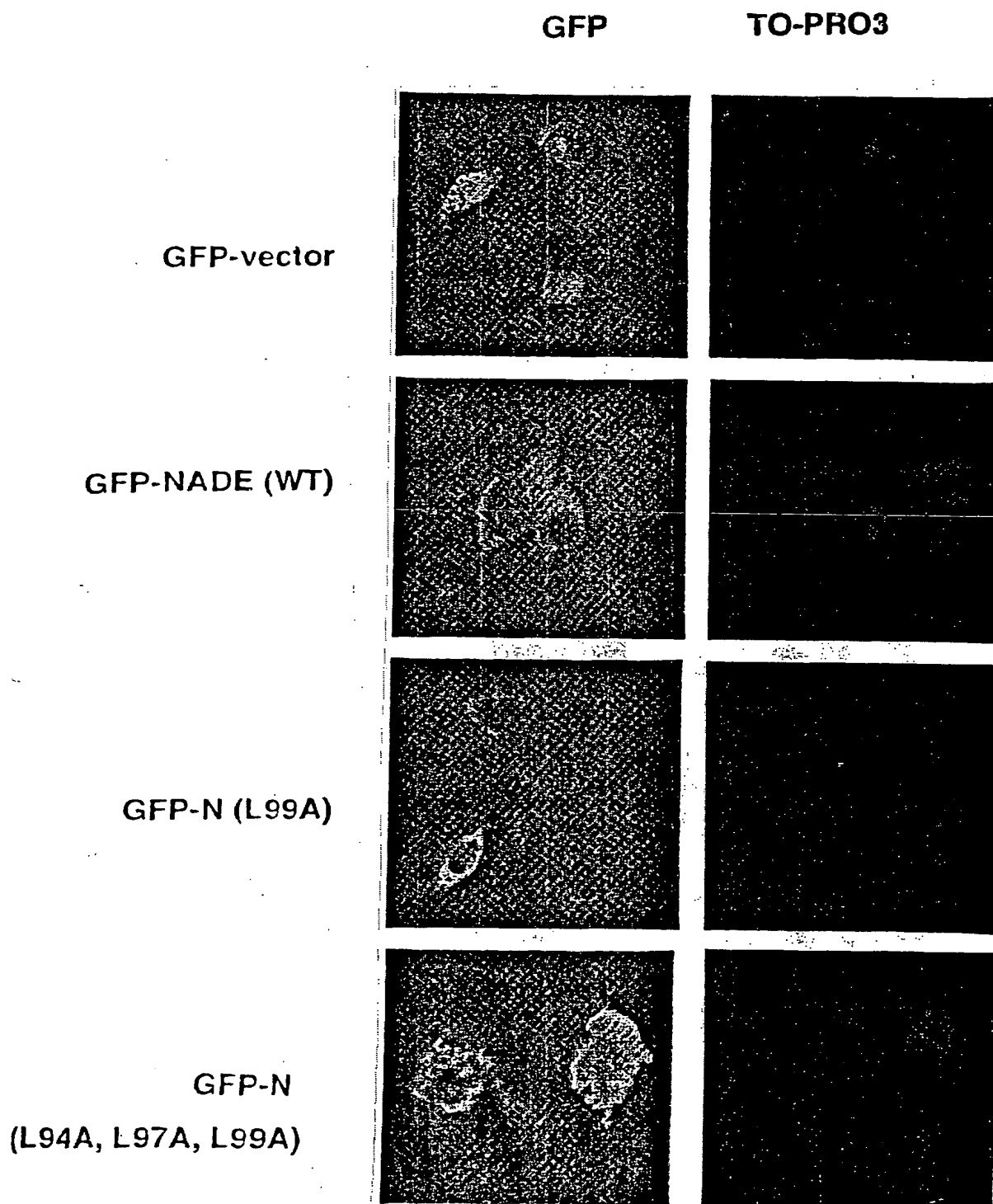
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NADE NESs:	mouse 88-100	REIRRKLRRLQLR
	rat 84-96	REIRRKLRRLQLR
	human 65-77	REIRRKLRRLQLR
Other NESs:	PKI 37-45	LALAGLDIN
	HIV rev 73-82	LP-PLRLTLD
	MDM2 197-206	L-SFDESLALC
	MAPKK 32-43	ALQKKLEELDL

FIGURE 8A

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Figure 8B



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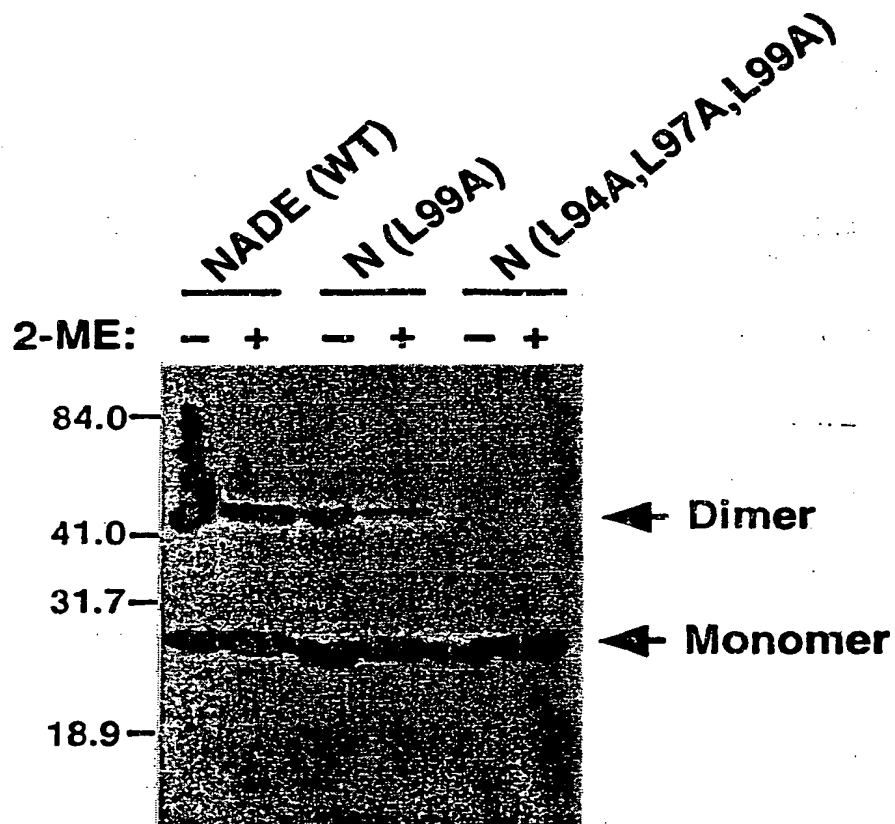


FIGURE 8C

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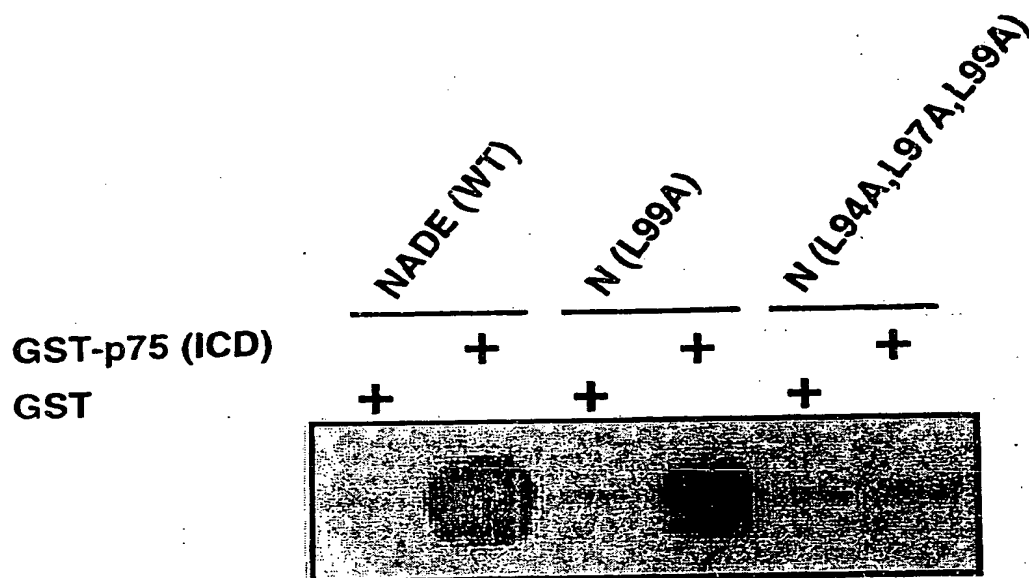


FIGURE 8D

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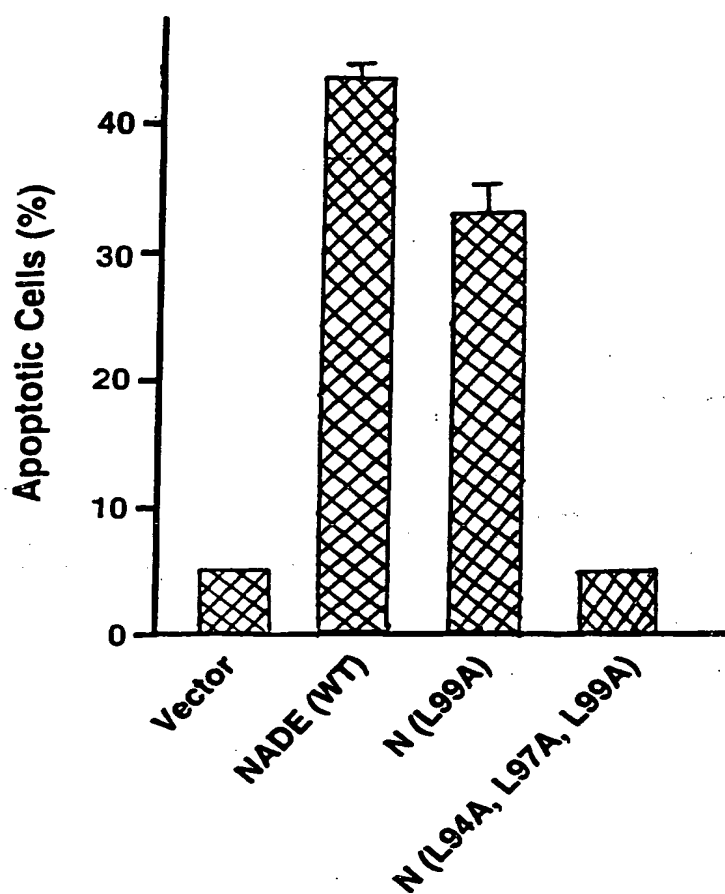


FIGURE 8E

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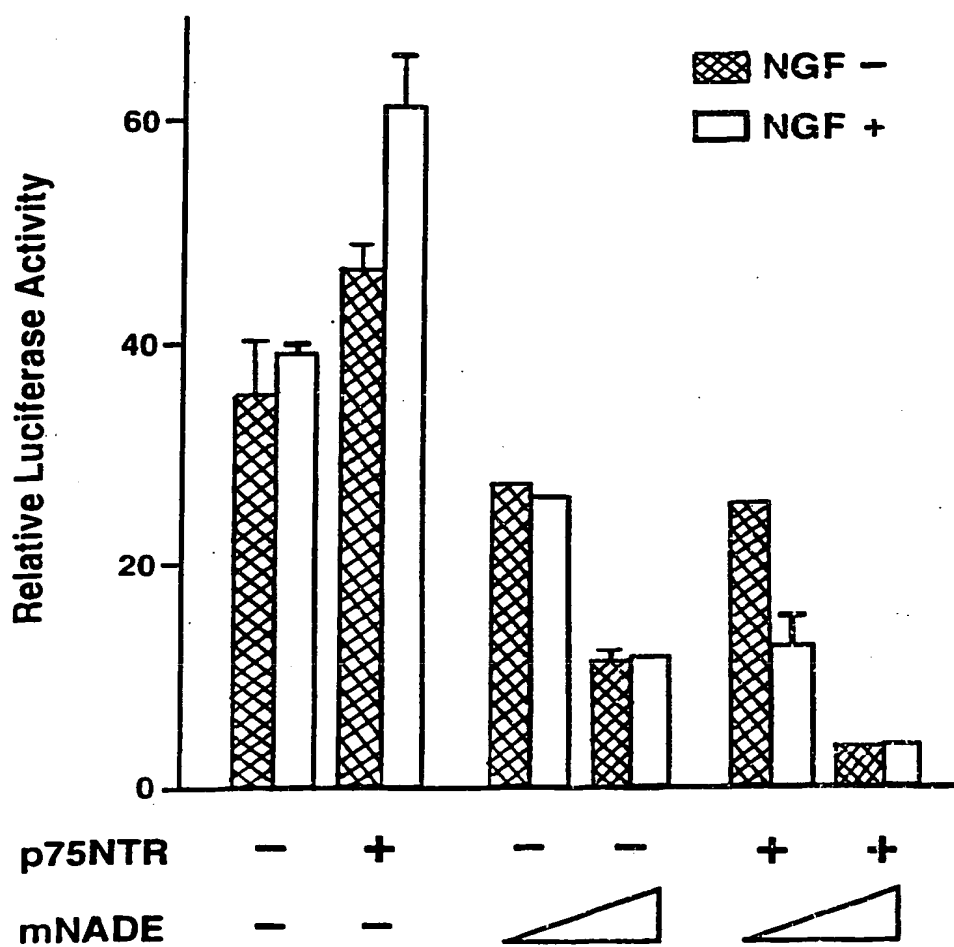


FIGURE 9A

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FIGURE 9C

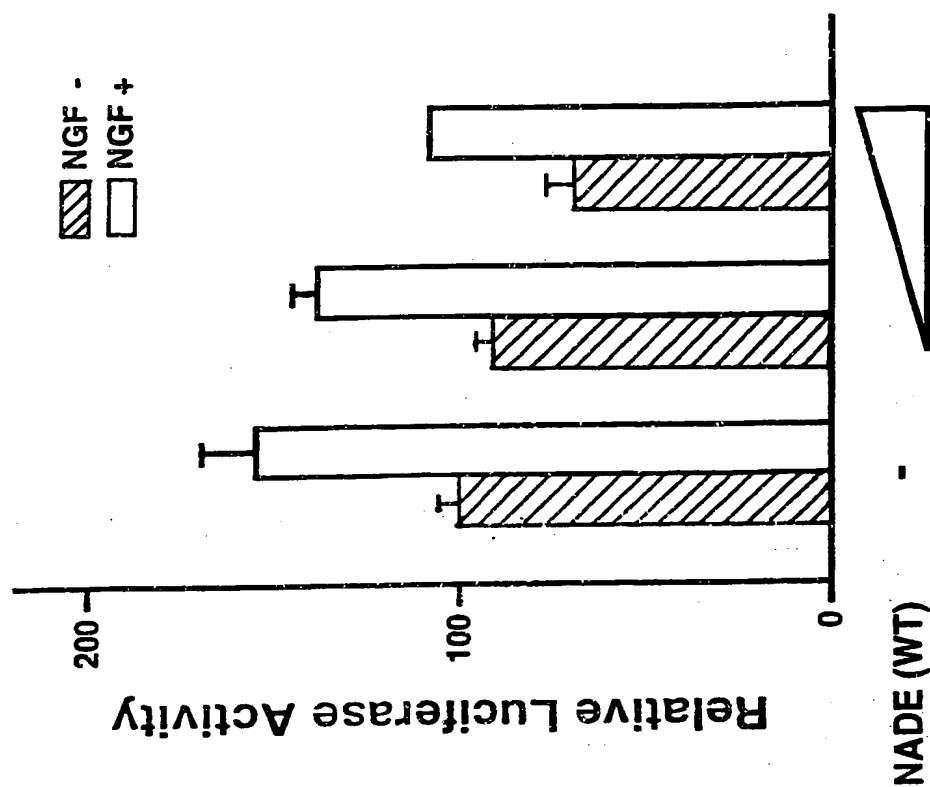
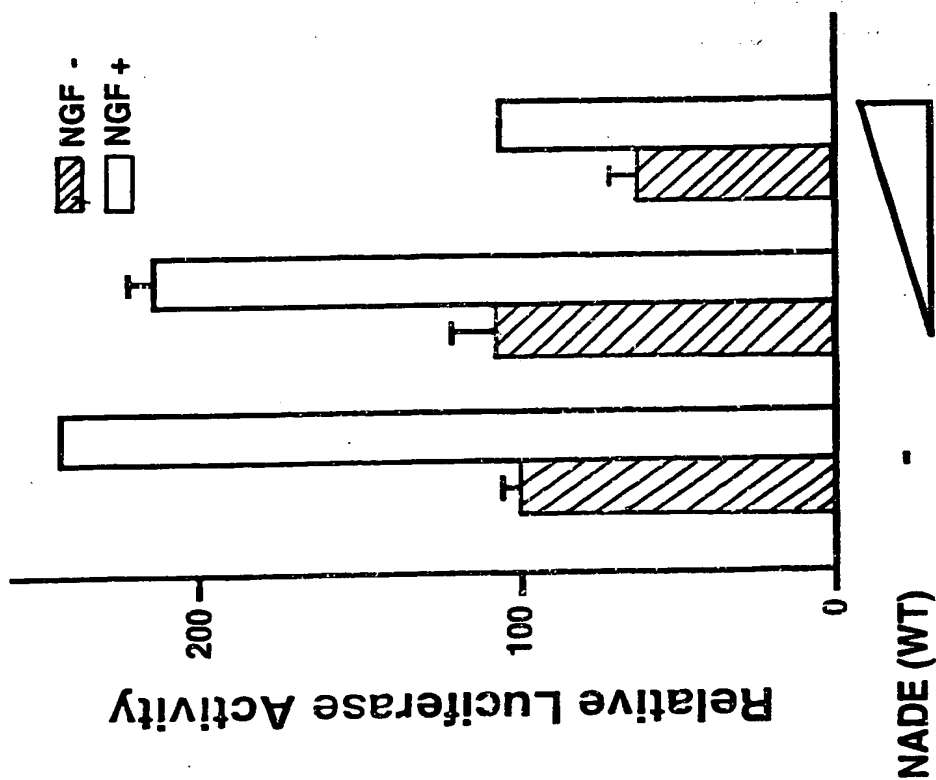
nnr5 cells

FIGURE 9B

PC 12 cells

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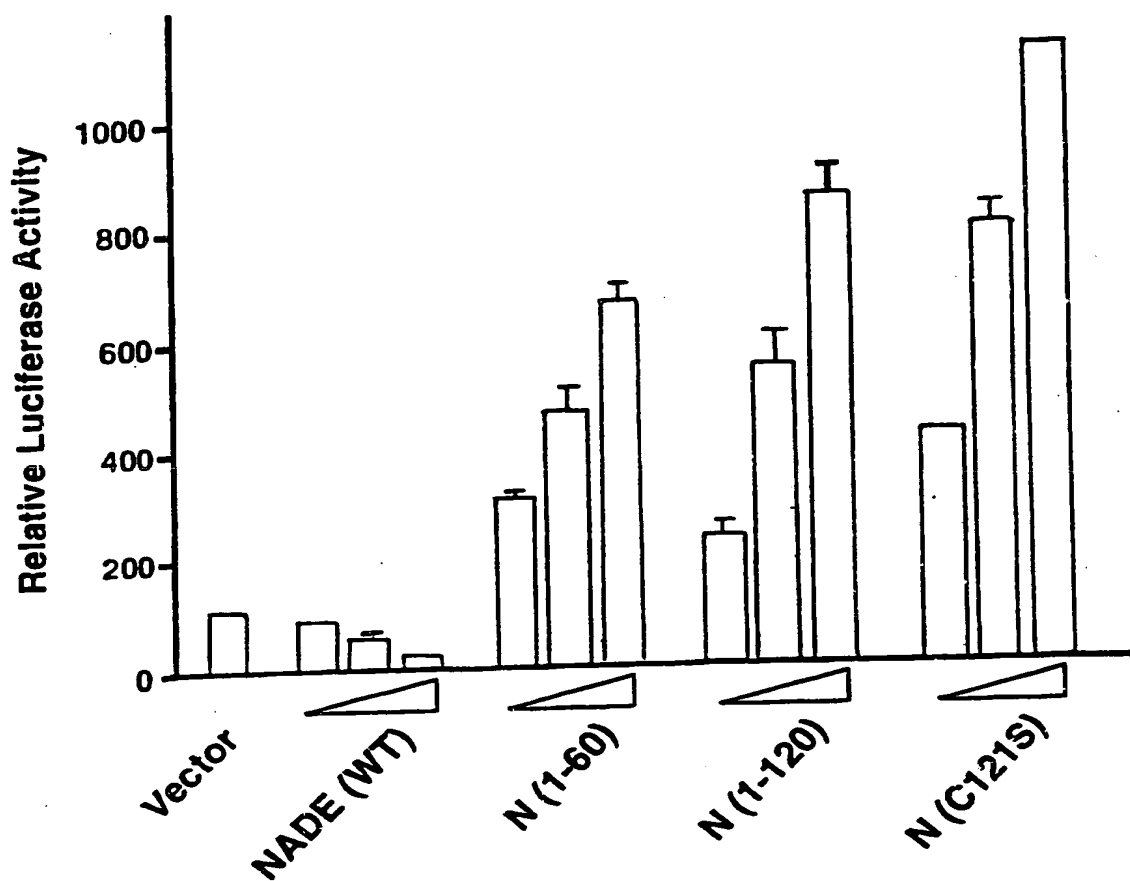


FIGURE 10

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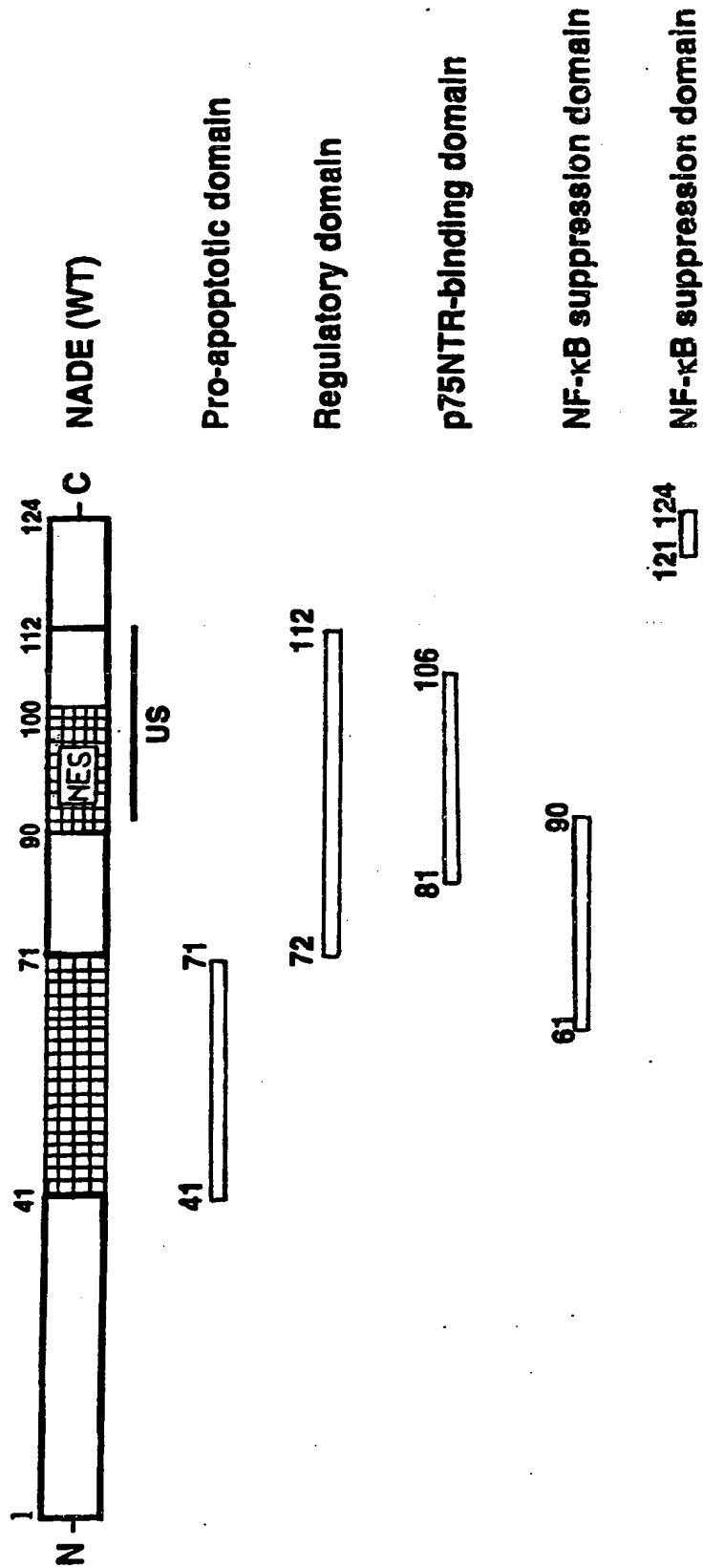


FIGURE 11